Table and Column Definitions Report

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Parameters

Workarea:	GLOBAL SHARED WORKAREA
Container:	APT
Table / View / Materialized View:	%
Include Tables?	Y
Include Views?	Y
Include Materialized Views?	Y
Data Structure Diagram:	%
Exclude Prefix:	
Include Table / View / MV Descriptions?	Y
Include Table / View / MV Comments?	N
Include Column Descriptions?	Y
Include Column Comments?	N
Include Column Notes?	Y
Include Unique Constraints?	Y
Include Foreign Key Constraints?	Y
Include Check Constraints?	Y
Include Indexes?	Y

Table: APT

Columns:

Seq.	Column	Nulls?	Type

Table: APTR060_1A_V

Columns:

Seq.	Column	Nulls?	Type
1	MUH_ID	NOT NULL	NUMBER(10,0)
2	MUH_AAC	NOT NULL	NUMBER(9,0)
3	PART_AAC	NULL	NUMBER

Table: APTR060_1BII_V

Columns:

Seq.	Column	Nulls?	Type
1	MU_ID	NOT NULL	NUMBER(10,0)
2	MUH_ID	NOT NULL	NUMBER(10,0)
3	PART_DESC	NOT NULL	VARCHAR2(120)
4	PART_AAC	NOT NULL	NUMBER(9,0)
5	PAPT_AAC	NULL	NUMBER

Table: APTR060_1B_V

Columns:

Seq.	Column	Nulls?	Type
1	MUH_ID	NOT NULL	NUMBER(10,0)
2	MUH_AAC	NOT NULL	NUMBER(9,0)
3	PAPT_AAC	NULL	NUMBER

Table: APTRCC

Description:

Temporary table which supports Commitment Control Reports

Columns:

Seq.	Column	Nulls?	Type
1	REPORT_ID	NULL	NUMBER(9,0)
2	ORG_UNIT_CODE	NULL	VARCHAR2(6)
4	REPORT_SORT_ORDER	NOT NULL	NUMBER(2)
6	SECTION_SORT_ORDER	NULL	NUMBER(2,0)
7	REPORT_SECTION	NULL	VARCHAR2(50)
8	REPORT_SUB_SECTION	NULL	VARCHAR2(50)
10	VOLUME_TYPE	NULL	VARCHAR2(120)
11	YEAR	NULL	NUMBER(4,0)
12	VOLUME	NULL	NUMBER(9,0)
14	EFFECTIVE_DATE	NULL	DATE

Table: APT_ACTIVE_CORPORATIONS_V

Columns:

Seq.	Column	Nulls?	Type
1	CLIENT_NUMBER	NULL	VARCHAR2(8)
2	CLIENT_NAME	NULL	VARCHAR2(60)

Table: APT_APPORTIONMENT_CATEGORIES

Description:

The categorization of the Form of Agreement codes used by Timber Tenur

e and Revenue. Each form of agreement can be used by one or more Mana

gement Unit types and is sorted

within that grouping. An indication is also given to whether or not

commitments can be

entered against this form of agreement.

Data Custodian:

Columns:

Seq.	Column	Nulls?	Type
* 2	APT_MGMT_UNIT_ST	NOT NULL	VARCHAR2(1)
* 4	APT_FOA_ST	NOT NULL	VARCHAR2(6)
6	SORT_ORDER	NOT NULL	NUMBER(2)
8	COMMITABLE_FOA_IND	NOT NULL	VARCHAR2(1)

Table: APT_APPORTIONMENT_EXCEPTIONS

Description:

A reporting entity used to determine exceptions between apportioned amounts and committed amounts for a form of agreement in a partition for a management unit.

Columns:

Seq.	Column	Nulls?	Type
* 1	MUH_ID	NOT NULL	NUMBER(10,0)
* 2	APT_PARTITION_ST	NOT NULL	VARCHAR2(3)
* 3	APT_FOA_ST	NOT NULL	VARCHAR2(50)
4	ALLOWABLE_ANNUAL_CUT	NULL	NUMBER(9,0)
5	COMMITTED_AAC	NULL	NUMBER(9,0)

Table: APT_APT_DISTRIBUTIONS

Description:

The user may record the volume of wood which may be

sold within a Management Unit by Organizational Unit staff.

Columns:

Seq.	Column	Nulls?	Type
* 10	ID	NOT NULL	NUMBER(10,0)
40	PAPT_ID	NOT NULL	NUMBER(10,0)
60	MUOUO_ID	NOT NULL	NUMBER(10,0)
80	DISTRIBUTION_VOLUME	NOT NULL	NUMBER(9,0)
	The amount of the Management Unit's Apportionment AAC which can be sold by the District.		
100	EFFECTIVE_DATE	NOT NULL	DATE
	The date when the distribution volume becomes effective.		

Unique Constraints:

APTD_UK1
- PAPT_ID
- MUOUO_ID

Foreign Keys:

APTD_MUOUO_FK
- MUOUO_ID = APT_MU_OU_OVERLAPS.ID

APTD_PAPT_FK
- PAPT_ID = APT_PART_APPORTIONMENTS.ID

Indexes:

APTD_MUO_1
- MUOUO_ID

APTD_PAP_1
- PAPT_ID

Table: APT_APT_DISTRIBUTIONS_JN

Description:

This is the historical record of changes to the Apportionment

Distribution.

Columns:

Seq.	Column	Nulls?	Type
1	ID	NOT NULL	NUMBER(10,0)
3	JN_DATETIME	NOT NULL	DATE
5	JN_OPERATION	NOT NULL	CHAR(3)
7	JN_ORACLE_USER	NOT NULL	VARCHAR2(30)
16	PAPT_ID	NULL	NUMBER(10,0)
17	MUOUO_ID	NULL	NUMBER(10,0)
18	DISTRIBUTION_VOLUME	NULL	NUMBER(9,0)
20	EFFECTIVE_DATE	NULL	DATE
	The date when the distribution volume becomes effective.		
22	JN_NOTES	NULL	VARCHAR2(300)
24	JN_APPLN	NULL	VARCHAR2(30)
26	JN_SESSION	NULL	NUMBER(38,0)

Foreign Keys:

ADJ_MUOUO_FK
MUOUO_ID = APT_MU_OU_OVERLAPS.ID
APTDJ_APTD_FK
ID = APT_APT_DISTRIBUTIONS.ID
APTDJ_PAPT_FK
PAPT_ID = APT_PART_APPORTIONMENTS.ID

Indexes:

APTDJ_MUOUO_FK
MUOUO_ID
APTDJ_PAPT_FK
PAPT_ID
APTDJ_SK1
ID
JN_DATETIME

Table: APT_COMMITMENTS

Description:

Commitments against the apportioned volume are made by the Regional Manager, through the issuance of harvesting agreements (licences). At present, each licence issued represents a commitment against only one partitioned component. In the near future, (1998) licences may be issued which represent a commitment against more than one component (e.g. 70% of the AAC for a licence is committed against Conventional, and 30% against deciduous).

The volume of timber committed against a partitioned component is normally equal to the apportioned volume. However, the AAC on licences may change over time, through assignment, cut control violation, or government policy. The AAC on the TSA can also change over time, due to periodic reanalysis. The sum of the volume committed against a partitioned component may vary from the volume apportioned, but the volume apportioned to the form of agreement, for that partition, must be greater than zero, for a commitment to occur.

Columns:

Seq.	Column	Nulls?	Type
* 6	ID	NOT NULL	NUMBER(10,0)
8	FOREST_FILE_ID	NOT NULL	VARCHAR2(10)
9	APT_PARTITION_ST	NOT NULL	VARCHAR2(3)
12	COMMIT_TYPE_ST	NOT NULL	VARCHAR2(50)
	Verify attribute description		
13	ALLOWABLE_ANNUAL_CUT	NULL	NUMBER(9,0)
	AAC volume for specific Commitment Type		
	Verify attribute description		
14	INCLUDE_IN_LIC_AAC_IND	NOT NULL	VARCHAR2(1)
	INCLUDE_IN_LIC_AAC_IND indicates that this particular AAC should be included in calculations of TOTAL LICENCE AAC		
16	DETERMINATION_DATE	NOT NULL	DATE
	This is the date on which the Chief Forester determined the		

Table: APT_COMMITMENTS (cont'd)

Columns:

Seq.	Column	Nulls?	Type
	appropriate AAC to assign to the COMMITMENT.		
18	EFFECTIVE_DATE	NOT NULL	DATE
	This is the date on which the AAC assigned to the COMMITMENT becomes effective as determined by the Chief Forester.		
19	EXPIRY_DATE	NULL	DATE
	EXPIRY_DATE of the Commitment AAC Type		
27	PAPT_ID	NULL	NUMBER(10,0)
40	ALLOWABLE_ANNUAL_CUT_HA	NULL	NUMBER(9)

Foreign Keys:

COMM_CLST_FK
COMM_LIC_FK
FOREST_FILE_ID = APT_LICENCES.FOREST_FILE_ID
COMM_PAPT_FK
PAPT_ID = APT_PART_APPORTIONMENTS.ID

Indexes:

COMM_CLST_FK_I
APT_PARTITION_ST
COMM_LIC_FK_I
FOREST_FILE_ID
COMM_PAPT_FK_I

Notes:

Table: APT_COMMITMENTS_JN

Description:

This is the COMMITMENT AAC history. Whenever a COMMITMENT AAC record

is modifed, a record of the modification is stored for historical

purposes.

Columns:

Seq.	Column	Nulls?	Type
2	JN_OPERATION	NOT NULL	CHAR(3)
4	JN_ORACLE_USER	NOT NULL	VARCHAR2(30)
6	JN_DATETIME	NOT NULL	DATE
8	JN_NOTES	NULL	VARCHAR2(240)
10	JN_APPLN	NULL	VARCHAR2(30)
12	JN_SESSION	NULL	NUMBER(38,0)
* 14	ID	NULL	NUMBER(10,0)
16	FOREST_FILE_ID	NULL	VARCHAR2(10)
18	APT_PARTITION_ST	NOT NULL	VARCHAR2(3)
20	COMMIT_TYPE_ST	NULL	VARCHAR2(50)
22	ALLOWABLE_ANNUAL_CUT	NULL	NUMBER(9,0)
24	INCLUDE_IN_LIC_AAC_IND	NULL	VARCHAR2(1)
26	DETERMINATION_DATE	NULL	DATE
28	EFFECTIVE_DATE	NULL	DATE
30	EXPIRY_DATE	NULL	DATE
32	PAPT_ID	NULL	NUMBER(10,0)
50	ALLOWABLE_ANNUAL_CUT_HA	NULL	NUMBER(9)

Foreign Keys:

CA_JN_FK
  ID = APT_COMMITMENTS.ID
COMMJ_CLT_FK
  COMMIT_TYPE_ST = CODE_LIST_TABLE.CODE_ARGUMENT
COMMJ_PART_FK
  APT_PARTITION_ST = APT_PART_APPORTIONMENTS.APT_FOA_ST

Indexes:

COMMJ_CLT_FK
  COMMIT_TYPE_ST
COMMJ_I
  ID
COMMJ_PART_FK
  APT_PARTITION_ST

Table: APT_COMMIT_CREDIT_V

Columns:

Seq.	Column	Nulls?	Type
1	CODE_ARGUMENT	NOT NULL	VARCHAR2(50)
2	EXPANDED_RESULT	NOT NULL	VARCHAR2(120)

Table: APT_COMM_PART_V

Columns:

Seq.	Column	Nulls?	Type
1	COMM_ID	NOT NULL	NUMBER(10,0)
2	FOREST_FILE_ID	NOT NULL	VARCHAR2(10)
3	COMMIT_TYPE_ST	NOT NULL	VARCHAR2(50)
4	APT_PARTITION_ST	NOT NULL	VARCHAR2(3)
5	EFFECTIVE_DATE	NOT NULL	DATE
6	ALLOWABLE_ANNUAL_CUT	NOT NULL	NUMBER(9,0)
7	PART_TYPE_DESC	NOT NULL	VARCHAR2(120)

Table: APT_FOA_COMM_V

Columns:

Seq.	Column	Nulls?	Type
1	APT_MGMT_UNIT_ST	NOT NULL	VARCHAR2(1)
2	APT_FOA_ST	NOT NULL	VARCHAR2(6)
3	EXPANDED_RESULT	NOT NULL	VARCHAR2(120)
4	SORT_ORDER	NOT NULL	NUMBER(2,0)

Table: APT_FOA_TYPES_V

Columns:

Seq.	Column	Nulls?	Type
1	CODE_ARGUMENT	NOT NULL	VARCHAR2(50)
2	EXPANDED_RESULT	NOT NULL	VARCHAR2(120)
3	APT_MGMT_UNIT_ST	NOT NULL	VARCHAR2(1)
4	SORT_ORDER	NOT NULL	NUMBER(2,0)

Table: APT_FORM_HELP

Columns:

Seq.	Column	Nulls?	Type
4	HLP_APPLN	NULL	VARCHAR2(30)
6	HLP_INDEX	NULL	VARCHAR2(100)
8	HLP_MODTAB_NAME	NULL	VARCHAR2(30)
10	HLP_GENERATED	NULL	VARCHAR2(1)
12	HLP_SEQ	NULL	NUMBER(5,0)
14	HLP_TEXT	NULL	VARCHAR2(70)
16	HLP_TYPE	NULL	VARCHAR2(1)

Table: APT_LICENCES

Description:

LICENCES

Commitments against the apportioned volume are made by the Regional Manager, through the issuance of harvesting agreements (licences). At present, each licence issued represents a commitment against only one partitioned component. In the near future, (1998) licences may be issued which represent a commitment against more than one component (e.g. 70% of the AAC for a licence is committed against Conventional, and 30% against deciduous).

Volumes committed against a single licence may be increased under incremental forestry provisions of Sec 52 of the Forest Act. Sec 52 volumes are not tracked separately, but are reflected as an increase in the AAC of the licence. The effective date of the change of the AAC on a licence must be tracked, as reports are made ?at a point in time? and must reflect the AACs that were in effect at that date.

The tenures issued by the ministry for timber harvesting give a right to harvest timber either on the basis of an AAC (sometimes referred to as quota), where the licensee has a right to harvest a volume of timber per year within the management unit, for the term of the licence, or by defined area, where the licensee has the right to harvest timber within defined boundaries.

For volume-based sales, the ministry tracks the AAC for each Licence as a commitment against the apportionment for the partitioned component. These kinds of licences include FLs, TFLs, WLs, and some TSLs. These commitments are reported by Licence number, and by Licensee name.

Table: APT_LICENCES (cont'd)

Description:

For area-based sales , the ministry commits the cruise volume of the sale against the apportionment in the year that the licence was sold (licences may a term of more than one year). These commitments are not tracked by the apportionment system.

Volume-based licences, (TFLs, FLs, WLs and some TSLs) are issued for long terms (15 - 25 years). Unless otherwise specified, the licences are replaced every 5 years, on the anniversary date of the licence. It is a requirement of this application to track the upcoming replacement date for these licences.

Licences can be terminated (closed) for a variety of reasons. For FLs and TSLs, closure of a licence means a reduction of the commitment within the TSA at the Closure date. For Woodlot Licences, closure of the licence means the land base reverts to the TSA from which was originally established.

Tree Farm Licences (TFLs) - large areas of Crown and Private land, covered by a single tree farm licence, and managed by the licensee. The AAC for a TFL has Private land (Schedule A) and Crown land (Schedule B) components, each with an AAC set by the Chief Forester. There may be Schedule B AAC apportioned to other forms of tenures, such as Small Business Forest Enterprise Program sales. TFLs are identified by number and name (e.g. TFL39, Squamish). The licence number and the management unit number are the same for TFLs.

Woodlot Licences (WL?s) - small areas of Private and Crown land, covered by a single woodlot licence, and managed by the licensee. There are separate AACs for the Private and Crown portions of the WL, set by the Regional Manager, District Manager, or a Forest Officer.

Table: APT_LICENCES (cont'd)

Description:

The land base of the woodlot licence is removed from the TSA at the time the licence is issued.

Columns:

Seq.	Column	Nulls?	Type
* 11	FOREST_FILE_ID FOREST FILE ID: File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number. Reverse Engineered from column FOREST_FILE_ID of table LICENCE_TABLE MOF Data Custodian: Resource Tenures and Engineering Branch *Verify attribute description*	NOT NULL	VARCHAR2(10)
23	APT_FOA_ST APPORTIONMENT FORMS OF AGREEMENT: In TSAs, the minister apportions the timber in each partitioned compartment, determining the volume that is available to different Forms of Agreement. Forms of Agreement include: - Forest Licences (FLs) replaceable - Forest Licences nonreplaceable - Timber Sale Licences (TSLs) > 10,000 M3 AAC, replaceable - Timber Sale Licences <= 10,000 M3 AAC, replaceable - Timber Sale Licences (major), nonreplaceable - Timber Sale Licence Pulpwood Agreements, (Sec 18(1)a) - Small Business Forest Enterprise Program (SBFEP) Section 16 - SBFEP Category 1 (sec 16)	NOT NULL	VARCHAR2(6)

Table: APT_LICENCES (cont'd)

Columns:

Seq.	Column	Nulls?	Type
	- SBFEP Category 2 (sec 16) - SBFEP Bid Proposals - Forest Service Reserve - Woodlot Licences TFLs are also apportioned, by: - Licensee Schedule A AAC - Licensee Schedule B AAC - SBFEP Schedule B Apportionments by the minister have an approved date, when the apportionment was determined, and an effective date. *Verify attribute definition*		
27	REPLACEMENT_DATE Date of Licence replacement. Volume-based licences, (TFLs, FLs, WLs and some TSLs) are issued for long terms (15 - 25 years). Unless otherwise specified, the licences are replaced every 5 years, on the anniversary date of the licence. It is a requirement of this application to track the upcoming replacement date for these licences. *Verify attribute description*	NULL	DATE
30	REPLACEMENT_TERM CURRENT TERM Current term of the licence (expressed in months)	NULL	NUMBER(3,0)

Table: APT_LICENCES (cont'd)

Columns:

Seq.	Column	Nulls?	Type
	Verify from when this term is considered. There in no such attribute as CURRENT_EFFECTIVE_DATE.		
32	COMMENTS	NULL	VARCHAR2(2000)
34	ADD_TIMESTAMP	NULL	DATE
36	ADD_USERID	NULL	VARCHAR2(30)
38	UPDATE_TIMESTAMP	NULL	DATE
40	UPDATE_USERID	NULL	VARCHAR2(30)

Foreign Keys:

LIC_CS_FK
APT_FOA_ST = CODE_SUBSET_TBL.CODE_ARGUMENT
LIC_FCL_FK
FOREST_FILE_ID = FOR_CLIENT_LINK.FOREST_FILE_ID
LIC_PFU_FK
FOREST_FILE_ID = PROV_FOREST_USE.FOREST_FILE_ID

Indexes:

LIC_CS_FK
APT_FOA_ST

Notes:

Verify entity description

Table: APT_LICENCE_CLIENTS_V

Columns:

Seq.	Column	Nulls?	Type
1	FOREST_FILE_ID	NOT NULL	VARCHAR2(10)
2	CLIENT_NAME	NULL	VARCHAR2(92)
3	FILE_CLIENT_TYPE	NULL	CHAR(1)
4	CLIENT_NUMBER	NULL	VARCHAR2(8)

Table: APT_LIC_CLIENT_V

Columns:

Seq.	Column	Nulls?	Type
1	FOREST_FILE_ID	NULL	VARCHAR2(10)
2	CLIENT_NAME	NULL	VARCHAR2(60)

Table: APT_MANAGEMENT_UNITS

Description:

MANAGEMENT UNIT

Management Unit is a defined area of land which is managed to provide a volume of timber which can be harvested on a sustainable basis. There are three major types of management units:

1. Timber Supply Areas (TSA's) - large areas with defined boundries which are managed by the Forest Service, where many different licensees harvest timber under a variety of types of licences. The AAC for a TSA is for Crown Land only and is set periodically by the Chief Forester and is based on a TSA Rationale

2. Tree Farm Licences (TFL's) - large areas of Crown and Private land,covered by a single tree farm licence, and managed by the licensee.

The AAC for a TFL has Private land (Schedule A) and Crown land (Schedule B) components, each with an AAC set by the Chief Forester.

There may be Schedule B AAC apportioned to other forms of tenures, such as Small Business Forest Enterprise Program sales. TFLs are identified by number and name (e.g. TFL39, Squamish). The licence number and the management unit number are the same for TFLs.

Reporting on TFLs includes:

- Long Term Harvest Level (LTHL) in m3
- Total Area of the TFL in hectares
- Productive Area,
- Current Operating Area.

Table: APT_MANAGEMENT_UNITS (cont'd)

Description:

3. Woodlot Licences (WL's) - small areas of Private and Crown land, covered by a single woodlot licence, and managed by the licensee. There are separate AACs for the Private and Crown portions of the WL, set by the Regional Manager, District Manager, or a Forest Officer.

The land base of the woodlot licence is removed from the TSA at the time the licence is issued. The AAC and Apportionment of the TSA is not adjusted until the next TSA analysis, based on the Inventory Effective Date.

There is a requirement to report the Crown portion of the Woodlot Licence AAC, listed by the TSA that previously covered the woodlot licence so that these volumes can be considered for TSA analysis. Monitoring of the Woodlot Licence Program requires that the Crown portion of the AAC (Schedule B) for all active WLs issued in the TSA since the last TSA analysis, be compared to the WL apportionment for the TSA. The schedule B AAC used for this calculation is the AAC at the date of issuance of the WL, not the volume currently in effect.

Woodlot Licences may be increased in area and AAC, at the re-issuance date for the licence (referred to as topping up). This may occur once per licence, and the additional Schedule B AAC resulting from the top up must be included in monitoring reports.

Reporting on WLs includes the Total Area of the WL in hectares, and the Current Operating Area. WLs are identified by the licence number (e.g. W0539).

When a Woodlot Licence is terminated (closed) the land based reverts

Table: APT_MANAGEMENT_UNITS (cont'd)

Description:

to the TSA from which it was established.

AAC Partitions

The volume of timber which makes up the AAC for a managed unit may come from several sources, called AAC Partitions (sometimes referred to as Partitioned Components). Partitions are used by Timber Supply Branch in AAC determination, to identify sources of timber where they have reduced confidence that the contribution to the total AAC will occur. Partitions are defined by geographic area, operability, or leading species.

Examples of AAC partitions include:

CON Conventional (non partitioned)

CIO Currently inoperable

CTH Commercial thinning harvest

DLS Deciduous leading stands

FHS Forest health / salvage

GEO Geographic location

HYA Helicopter yarding operability

IAG Inventory type group + age

ITG Inventory type group

LSI Low site productivity

MRO Marginal operability

MVO Minimum volume

NCO Non conventional operability

PFT Problem forest types

RES Residual stand types

Table: APT_MANAGEMENT_UNITS (cont'd)

Description:

SDP Small diameter pine

VIA Various inventory attributes

The name of a particular partition may denote different problems in different management units. For instance, Forest Health/salvage may apply to beetle killed timber in one management unit, and root rot in another.

The Chief Forester sets the AAC for the managed unit (and each partitioned component within it), based on a TSA Rationale, a document produced by Timber Supply Branch which details the volume of timber available, social, economic, and other factors which affect the decision on the rate of harvest. The determination date (when the chief forester signs the rationale), and AAC effective date are used for reporting AACs.

Forms of Agreement

In TSAs, the minister apportions the timber in each partitioned compartment, determining the volume that is available to different Forms of Agreement. Forms of Agreement include:

- Forest Licences (FLs) replaceable
- Forest Licences nonreplaceable
- Timber Sale Licences (TSLs) > 10,000 M3 AAC, replaceable
- Timber Sale Licences <= 10,000 M3 AAC, replaceable
- Timber Sale Licences (major), nonreplaceable
- Timber Sale Licence Pulpwood Agreements, (Sec 18(1)a)
- Small Business Forest Enterprise Program (SBFEP) Section 16
- SBFEP Category 1 (sec 16)

Table: APT_MANAGEMENT_UNITS (cont'd)

Description:

- SBFEP Category 2 (sec 16)
- SBFEP Bid Proposals
- Forest Service Reserve
- Woodlot Licences

TFLs are also apportioned, by:

- Licensee Schedule A AAC
- Licensee Schedule B AAC
- SBFEP Schedule B

Apportionments by the minister have an approved date, when the apportionment was determined, and an effective date.

Commitments

Commitments against the apportioned volume are made by the Regional Manager, through the issuance of harvesting agreements (licences). At present, each licence issued represents a commitment against only one partitioned component. In the near future, (1998) licences may be issued which represent a commitment against more than one component (e.g. 70% of the AAC for a licence is committed against Conventional, and 30% against deciduous).

The volume of timber committed against a partitioned component is normally equal to the apportioned volume. However, the AAC on licences may change over time, through assignment, cut control violation, or government policy. The AAC on the TSA can also change over time, due to periodic reanalysis. The sum of the volume committed against a partitioned component may vary from the volume

Table: APT_MANAGEMENT_UNITS (cont'd)

Description:

apportioned, but the volume apportioned to the form of agreement, for that partition, must be greater than zero, for a commitment to occur.

Volumes committed against a single licence may be increased under incremental forestry provisions of Sec 52 of the Forest Act. Sec 52 volumes are not tracked separately, but are reflected as an increase in the AAC of the licence. The effective date of the change of the AAC on a licence must be tracked, as reports are made ?at a point in time? and must reflect the AACs that were in effect at that date.

The tenures issued by the ministry for timber harvesting give a right to harvest timber either on the basis of an AAC (sometimes referred to as quota), where the licensee has a right to harvest a volume of timber per year within the management unit, for the term of the licence, or by defined area, where the licensee has the right to harvest timber within defined boundaries.

For volume-based sales, the ministry tracks the AAC for each Licence as a commitment against the apportionment for the partitioned component. These kinds of licences include FLs, TFLs, WLs, and some TSLs. These commitments are reported by Licence number, and by Licensee name.

For area-based sales , the ministry commits the cruise volume of the sale against the apportionment in the year that the licence was sold (licences may a term of more than one year). These commitments are not tracked by the apportionment system.

Volume-based licences, (TFLs, FLs, WLs and some TSLs) are issued for long terms (15 - 25 years). Unless otherwise specified, the licences

Table: APT_MANAGEMENT_UNITS (cont'd)

Description:

are replaced every 5 years, on the anniversary date of the licence.

It is a requirement of this application to track the upcoming

replacement date for these licences.

Licences can be terminated (closed) for a variety of reasons. For

FLs and TSLs, closure of a licence means a reduction of the commitment

within the TSA at the Closure date. For Woodlot Licences, closure of

the licence means the land base reverts to the TSA from which was

originally established.

Columns:

Seq.	Column	Nulls?	Type
* 13	ID	NOT NULL	NUMBER(10,0)
15	ORG_UNIT_NO	NOT NULL	NUMBER(10,0)
16	APT_MGMT_UNIT_ST	NOT NULL	VARCHAR2(1)

MANAGEMENT UNIT TYPE

A one character code from the CODE_LIST_TABLE.

Allowable values are:

CODE DESCRIPTION

A AGRICULTURAL LAND RESERVE

B BLUE MOUNTAIN FOREST RESERVE

C DEMONSTRATION/COMMUNITY FOREST

Table: APT_MANAGEMENT_UNITS (cont'd)

Columns:

Seq.	Column	Nulls?	Type

D DOMINION GOVERNMENT BLOCK

E E & N LAND BELT

F Woodlot

G GULF ISLANDS

H Organizational Unit Designation

J ECOLOGICAL RESERVE

K PROVINCIAL FOREST

L WILDERNESS AREA

O PUBLIC SUSTAINED YIELD UNIT

P PARKS & WILDERNESS CONSERV.

R RECREATIONAL AREA

S SPECIAL SALE AREA

T TREE FARM LICENCE

U TIMBER SUPPLY AREA

V TIMBER SUPPLY BLOCK

W WATERSHED LEASE OR RESERVE

X CERTIFIED TREE FARM

Z Outside Managed Units

MU_TYPE is used to determine value of the MGMT_UNIT_ID, a four character code assigned to a specific administrative management unit.

The MGMT_UNIT_ID comes from the CODE_LIST_TABLE:

TSA_NUMBER field when MGMT_UNIT_TYPE = 'U'

TFL_NUMBER when MGMT_UNIT_TYPE = 'T'

WL_NUMBER when MGMT_UNIT_TYPE = 'F'

Verify attribute description

Table: APT_MANAGEMENT_UNITS (cont'd)

Columns:

Seq.	Column	Nulls?	Type
17	MGMT_UNIT_NUMBER MGMT_UNIT_ID A four character code assigned to a specific administrative management unit. MGMT_UNIT_ID comes from the CODE_LIST_TABLE from: TSA_NUMBER field when MGMT_UNIT_TYPE = 'U' TFL_NUMBER when MGMT_UNIT_TYPE = 'T' WL_NUMBER when MGMT_UNIT_TYPE = 'F' *Verify attribute description*	NOT NULL	VARCHAR2(4)
19	MGMT_UNIT_STATUS_ST Management Unit Status: Active Cancelled *Verify attribute description*	NOT NULL	VARCHAR2(3)
21	STATUS_EFFECTIVE_DATE Management Unit Status Effective Date *Verify attribute description*	NOT NULL	DATE
27	MU_ID	NULL	NUMBER(10,0)
39	ORCS_FILE_NUMBER	NULL	VARCHAR2(13)
41	COMMENTS	NULL	VARCHAR2(2000)
43	ADD_TIMESTAMP	NULL	DATE
45	ADD_USERID	NULL	VARCHAR2(30)
47	UPDATE_TIMESTAMP	NULL	DATE
49	UPDATE_USERID	NULL	VARCHAR2(30)

Unique Constraints:

MU_UK1
APT_MGMT_UNIT_ST

Table: APT_MANAGEMENT_UNITS (cont'd)

Unique Constraints:

MGMT_UNIT_NUMBER

Foreign Keys:

MU_CLST_FK
MGMT_UNIT_NUMBER = CODE_LIST_TABLE.CODE_ARGUMENT
MU_CS_FK
APT_MGMT_UNIT_ST = CODE_SUBSET_TBL.CODE_ARGUMENT
MU_MU_FK
MU_ID = APT_MANAGEMENT_UNITS.ID
MU_OU_FK
ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO

Indexes:

MU_CS_FK_I
MGMT_UNIT_STATUS_ST
MU_MU_FK_I
MU_ID
MU_OU_FK_I
ORG_UNIT_NO

Notes:

Verify entity description

Table: APT_MGMT_UNIT_HISTORY

Description:

The MANAGEMENT UNIT HISTORY entity contains an entry for each change i

n the

apportionment allowed to the Management Unit. An entry is considered

active if the effective

date is prior to the current date and there is no other entry between

the effective date and the

current date.

Columns:

Seq.	Column	Nulls?	Type
* 1	ID	NOT NULL	NUMBER(10,0)
3	MU_ID	NOT NULL	NUMBER(10,0)
6	DETERMINATION_DATE	NOT NULL	DATE
8	EFFECTIVE_DATE	NOT NULL	DATE
10	ALLOWABLE_ANNUAL_CUT	NULL	NUMBER(9,0)
12	INVENTORY_REV_DATE	NULL	DATE
14	APPORTIONMENT_DETERMINATION_DT	NULL	DATE
16	APPORTIONMENT_EFFECTIVE_DATE	NULL	DATE
18	TOTAL_AREA	NULL	NUMBER(9,2)
20	PRODUCTIVE_AREA	NULL	NUMBER(9,2)
22	LONG_TERM_HARVEST_LEVEL	NULL	NUMBER(9,0)
24	CURRENT_NET_OPERATING_AREA	NULL	NUMBER(9,2)
26	FUTURE_HARVEST_LANDBASE_AREA	NULL	NUMBER(9,2)
28	COMMENTS	NULL	VARCHAR2(2000)
30	ADD_TIMESTAMP	NULL	DATE
32	ADD_USERID	NULL	VARCHAR2(30)
34	UPDATE_TIMESTAMP	NULL	DATE
36	UPDATE_USERID	NULL	VARCHAR2(30)
38	ALLOWABLE_ANNUAL_CUT_HA	NULL	NUMBER(9,0)

Unique Constraints:

MUH_UK
- MU_ID
- EFFECTIVE_DATE
- APPORTIONMENT_EFFECTIVE_DATE

Foreign Keys:

MUH_MUH_FK
- ID = APT_MGMT_UNIT_HISTORY.ID

MUH_MU_FK
- MU_ID = APT_MANAGEMENT_UNITS.ID

Indexes:

MUH_MU_FK
- MU_ID

Notes:

CR03-01 - #1.1 - Added ALLOWABLE_ANNUAL_CUT_HA to track AREA

apportioned to the Management Unit.

Table: APT_MGMT_UNIT_NAMES_V

Columns:

Seq.	Column	Nulls?	Type
1	APT_MGMT_UNIT_ST	NULL	VARCHAR2(1)
2	MGMT_UNIT_NUMBER	NOT NULL	VARCHAR2(50)
3	MGMT_UNIT_NAME	NOT NULL	VARCHAR2(120)

Table: APT_MGMT_UNIT_SOURCE_V

Columns:

Seq.	Column	Nulls?	Type
1	ID	NOT NULL	NUMBER(10,0)
2	MGMT_UNIT_NAME	NOT NULL	VARCHAR2(120)
3	APT_MGMT_UNIT_ST	NULL	VARCHAR2(1)
4	MGMT_UNIT_NUMBER	NOT NULL	VARCHAR2(50)

Table: APT_MGMT_UNIT_STATUS_ST_V

Columns:

Seq.	Column	Nulls?	Type
1	CODE_ARGUMENT	NOT NULL	VARCHAR2(50)
2	EXPANDED_RESULT	NOT NULL	VARCHAR2(120)

Table: APT_MU_OU_OVERLAPS

Description:

This is the area of overlap between a Management Area and an

Organization Unit.

Columns:

Seq.	Column	Nulls?	Type
* 1	ID	NOT NULL	NUMBER(10,0)
3	MU_ID	NOT NULL	NUMBER(10,0)
5	ORG_UNIT_NO	NOT NULL	NUMBER(10,0)
9	EFFECTIVE_DATE	NOT NULL	DATE
11	EXPIRY_DATE	NOT NULL	DATE

Foreign Keys:

MUOUO_MU_FK
MU_ID = APT_MANAGEMENT_UNITS.ID
MUOUO_OU_FK
ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO

Indexes:

MUOUO_MU_1
MU_ID
MUOUO_OU_1
ORG_UNIT_NO

Table: APT_MU_OU_OVERLAPS_V

Columns:

Seq.	Column	Nulls?	Type
1	ID	NOT NULL	NUMBER(10,0)
2	MU_ID	NOT NULL	NUMBER(10,0)
3	ORG_UNIT_NO	NOT NULL	NUMBER(10,0)
4	EFFECTIVE_DATE	NOT NULL	DATE
5	EXPIRY_DATE	NOT NULL	DATE
6	ORG_UNIT_CODE	NULL	VARCHAR2(6)
7	ORG_UNIT_NAME	NULL	VARCHAR2(100)
8	APT_MGMT_UNIT_ST	NOT NULL	VARCHAR2(1)
9	MGMT_UNIT_NUMBER	NOT NULL	VARCHAR2(4)

Table: APT_MU_TYPE_V

Columns:

Seq.	Column	Nulls?	Type
1	CODE_ARGUMENT	NOT NULL	VARCHAR2(50)
2	EXPANDED_RESULT	NOT NULL	VARCHAR2(120)

Table: APT_NOTDELETED_APTDJ_V

Columns:

Seq.	Column	Nulls?	Type
1	JN_DATETIME	NOT NULL	DATE
2	ID	NOT NULL	NUMBER(10,0)
3	PAPT_ID	NOT NULL	NUMBER(10,0)
4	MUOUO_ID	NOT NULL	NUMBER(10,0)
5	DISTRIBUTION_VOLUME	NOT NULL	NUMBER(9,0)
6	EFFECTIVE_DATE	NOT NULL	DATE

Table: APT_NOTDELETED_SBDAJ_V

Columns:

Seq.	Column	Nulls?	Type
1	JN_DATETIME	NOT NULL	DATE
2	ID	NOT NULL	NUMBER(10,0)
3	ORG_UNIT_NO	NOT NULL	NUMBER(10,0)
4	COLUMN_NAME	NOT NULL	VARCHAR2(18)
5	CODE_ARGUMENT	NOT NULL	VARCHAR2(50)
6	EFFECTIVE_DATE	NOT NULL	DATE
7	ADJUSTMENT_VOLUME	NOT NULL	NUMBER(9,0)
8	FOREST_FILE_ID	NULL	VARCHAR2(10)

Table: APT_PARTITIONS

Description:

PARTITIONS

The volume of timber which makes up the AAC for a managed unit may com
e from several sources, called AAC Partitions (sometimes referred to a
s Partitioned Components). Partitions are used by Timber Supply Branc
h in AAC determination, to identify sources of timber where they have
reduced confidence that the contribution to the total AAC will occur.
Partitions are defined by geographic area, operability, or leading sp
ecies.

Examples of AAC partitions include:

CON Conventional (non partitioned)

CIO Currently inoperable

CTH Commercial thinning harvest

DLS Deciduous leading stands

FHS Forest health / salvage

GEO Geographic location

HYA Helicopter yarding operability

IAG Inventory type group + age

ITG Inventory type group

LSI Low site productivity

MRO Marginal operability

MVO Minimum volume

NCO Non conventional operability

PFT Problem forest types

RES Residual stand types

SDP Small diameter pine

VIA Various inventory attributes

Table: APT_PARTITIONS (cont'd)

Description:

The name of a particular partition may denote different problems in di fferent management units. For instance, Forest Health/salvage may appl y to beetle killed timber in one management unit, and root rot in anot her.

The Chief Forester sets the AAC for the managed unit (and each partiti oned component within it), based on a TSA Rationale, a document produc ed by Timber Supply Branch which details the volume of timber availabl e, social, economic, and other factors which affect the decision on th e rate of harvest. The determination date (when the chief forester si gns the rationale), and AAC effective date are used for reporting AACs.

Columns:

Seq.	Column	Nulls?	Type
* 17	ID	NOT NULL	NUMBER(10,0)
18	MUH_ID	NOT NULL	NUMBER(10,0)
19	APT_PARTITION_ST AAC PARTITION CODE	NOT NULL	VARCHAR2(3)

Examples of AAC partitions include:

CON Conventional (non partitioned)

CIO Currently inoperable

CTH Commercial thinning harvest

DLS Deciduous leading stands

FHS Forest health / salvage

GEO Geographic location

HYA Helicopter yarding operability

IAG Inventory type group + age

ITG Inventory type group

Table: APT_PARTITIONS (cont'd)

Columns:

Seq.	Column	Nulls?	Type
	LSI Low site productivity MRO Marginal operability MVO Minimum volume NCO Non conventional operability PFT Problem forest types RES Residual stand types SDP Small diameter pine VIA Various inventory attributes The name of a particular partition may denote different problems in di fferent management units. For instance, Forest Health/salvage may appl y to beetle killed timber in one management unit, and root rot in anot her. *Verify attribute description*		
20	ALLOWABLE_ANNUAL_CUT PARTITION AAC	NULL	NUMBER(9,0)
	The rate of timber harvesting in each management unit, (allowable annual cut or AAC). The volume of timber which makes up the AAC for a managed unit may come from several sources, called AAC Partitions (sometimes referred to as Partitioned Components). Partitions are used by Timber Supply Branch in AAC determination, to identify sources of timber where they have reduced confidence that the contribution to the total AAC will occur. Partitions are defined by geographic area, operability, or leading species. *Verify attribute description*		

Table: APT_PARTITIONS (cont'd)

Columns:

Seq.	Column	Nulls?	Type
22	COMMENTS	NULL	VARCHAR2(2000)
24	ADD_TIMESTAMP	NULL	DATE
26	ADD_USERID	NULL	VARCHAR2(30)
28	UPDATE_TIMESTAMP	NULL	DATE
30	UPDATE_USERID	NULL	VARCHAR2(30)
32	ALLOWABLE_ANNUAL_CUT_HA	NULL	NUMBER(9,0)

Unique Constraints:

PART_UK1
- MUH_ID
- APT_PARTITION_ST

Foreign Keys:

PART_CS_FK
- APT_PARTITION_ST = CODE_SUBSET_TBL.CODE_ARGUMENT

PART_MUH_FK
- MUH_ID = APT_MGMT_UNIT_HISTORY.ID

Indexes:

PART_CS_FK
- APT_PARTITION_ST

PART_MUH_FK
- MUH_ID

Notes:

Assumption: (Verify entity description)

Sum of all PARTITION_AAC's is equal to the Management Unit AAC. There is no overlap between partitions and Management Unit AAC is calculated from the Partition AAC.

CR03-01 - #1.1 - Added ALLOWABLE_ANNUAL_CUT_HA to track AREA apportioned to the Partition.

Table: APT_PART_APPORTIONMENTS

Description:

PARTITION APPORTIONMENT

In TSAs, the minister apportions the timber in each partitioned compartment, determining the volume that is available to different Forms of Agreement. Forms of Agreement include:

- Forest Licences (FLs) replaceable
- Forest Licences nonreplaceable
- Timber Sale Licences (TSLs) > 10,000 M3 AAC, replaceable
- Timber Sale Licences <= 10,000 M3 AAC, replaceable
- Timber Sale Licences (major), nonreplaceable
- Timber Sale Licence Pulpwood Agreements, (Sec 18(1)a)
- Small Business Forest Enterprise Program (SBFEP) Section 16
- SBFEP Category 1 (sec 16)
- SBFEP Category 2 (sec 16)
- SBFEP Bid Proposals
- Forest Service Reserve
- Woodlot Licences

AAC Partitions

The volume of timber which makes up the AAC for a managed unit may come from several sources, called AAC Partitions (sometimes referred to as Partitioned Components). Partitions are used by Timber Supply Branch in AAC determination, to identify sources of timber where they have reduced confidence that the contribution to the total AAC will occur. Partitions are defined by geographic area, operability, or leading species.

The name of a particular partition may denote different problems in

Table: APT_PART_APPORTIONMENTS (cont'd)

Description:

different management units. For instance, Forest Health/salvage may apply to beetle killed timber in one management unit, and root rot in another.

The Chief Forester sets the AAC for the managed unit (and each partitioned component within it), based on a TSA Rationale, a document produced by Timber Supply Branch which details the volume of timber available, social, economic, and other factors which affect the decision on the rate of harvest. The determination date (when the chief forester signs the rationale), and AAC effective date are used for reporting AACs.

TFLs are also apportioned, by:

- Licensee Schedule A AAC
- Licensee Schedule B AAC
- SBFEP Schedule B

Apportionments by the minister have an approved date, when the apportionment was determined, and an effective date.

Columns:

Seq.	Column	Nulls?	Type
* 2	ID	NOT NULL	NUMBER(10,0)
4	PART_ID	NOT NULL	NUMBER(10,0)
6	APT_FOA_ST	NOT NULL	VARCHAR2(50)

APPORTIONMENT FORMS OF AGREEMENT:

In TSAs, the minister apportions the timber in each partitioned compartment, determining the volume that is available to different Forms of Agreement. Forms of Agreement include:

Table: APT_PART_APPORTIONMENTS (cont'd)

Columns:

Seq.	Column	Nulls?	Type
	- Forest Licences (FLs) replaceable - Forest Licences nonreplaceable - Timber Sale Licences (TSLs) > 10,000 M3 AAC, replaceable - Timber Sale Licences <= 10,000 M3 AAC, replaceable - Timber Sale Licences (major), nonreplaceable - Timber Sale Licence Pulpwood Agreements, (Sec 18(1)a) - Small Business Forest Enterprise Program (SBFEP) Section 16 - SBFEP Category 1 (sec 16) - SBFEP Category 2 (sec 16) - SBFEP Bid Proposals - Forest Service Reserve - Woodlot Licences TFLs are also apportioned, by: - Licensee Schedule A AAC - Licensee Schedule B AAC - SBFEP Schedule B Apportionments by the minister have an approved date, when the apportionment was determined, and an effective date. *Verify attribute description*		
8	ALLOWABLE_ANNUAL_CUT PARTITION AAC	NULL	NUMBER(9,0)
	The volume of timber which makes up the AAC for a managed unit may come from several sources, called AAC Partitions (sometimes referred to as Partitioned Components). Partitions are used by Timber Supply		

Table: APT_PART_APPORTIONMENTS (cont'd)

Columns:

Seq.	Column	Nulls?	Type

Branch in AAC determination, to identify sources of timber where they have reduced confidence that the contribution to the total AAC will occur. Partitions are defined by geographic area, operability, or leading species.

The Chief Forester sets the AAC for the managed unit (and each partitioned component within it), based on a TSA Rationale, a document produced by Timber Supply Branch which details the volume of timber available, social, economic, and other factors which affect the decision on the rate of harvest.

In TSAs, the minister apportions the timber in each partitioned compartment, determining the volume that is available to different Forms of Agreement. Forms of Agreement include:

- Forest Licences (FLs) replaceable
- Forest Licences nonreplaceable
- Timber Sale Licences (TSLs) > 10,000 M3 AAC, replaceable
- Timber Sale Licences <= 10,000 M3 AAC, replaceable
- Timber Sale Licences (major), nonreplaceable
- Timber Sale Licence Pulpwood Agreements, (Sec 18(1)a)
- Small Business Forest Enterprise Program (SBFEP) Section 16
- SBFEP Category 1 (sec 16)
- SBFEP Category 2 (sec 16)
- SBFEP Bid Proposals
- Forest Service Reserve
- Woodlot Licences

TFLs are also apportioned, by:

Table: APT_PART_APPORTIONMENTS (cont'd)

Columns:

Seq.	Column	Nulls?	Type
	- Licensee Schedule A AAC		
	- Licensee Schedule B AAC		
	- SBFEP Schedule B		
	Verify attribute description		
10	COMMENTS	NULL	VARCHAR2(2000)
12	ADD_TIMESTAMP	NULL	DATE
14	ADD_USERID	NULL	VARCHAR2(30)
16	UPDATE_TIMESTAMP	NULL	DATE
18	UPDATE_USERID	NULL	VARCHAR2(30)
20	ALLOWABLE_ANNUAL_CUT_HA	NULL	NUMBER(9,0)

Unique Constraints:

PAPT_PAPT2_UK
- PART_ID
- APT_FOA_ST

PAPT_UK1
- PART_ID
- APT_FOA_ST

Foreign Keys:

APRT_CS_FK
- APT_FOA_ST = CODE_SUBSET_TBL.CODE_ARGUMENT

PAPT_PART_FK
- PART_ID = APT_PARTITIONS.ID

Indexes:

APRT_CS_FK_I
- APT_FOA_ST

PAPT_PART_FK_I
- PART_ID

Notes:

Verify entity description

Should it include Update Date/Time stamp ?

CR03-01 - #1.1 - Add ALLOWABLE_ANNUAL_CUT_HA to track

the AREA apportioned to the FOA.

Table: APT_PART_RPT_V

Columns:

Seq.	Column	Nulls?	Type
2	PART_TYPE_DESC	NOT NULL	VARCHAR2(120)
3	PART_TYPE_CD	NOT NULL	VARCHAR2(50)

Table: APT_PART_TYPES_V

Columns:

Seq.	Column	Nulls?	Type
1	PART_TYPE_CD	NOT NULL	VARCHAR2(50)
2	PART_TYPE_DESC	NOT NULL	VARCHAR2(120)

Table: APT_PROV_LINK_SUM_V

Description:

Used for APTR043

Columns:

Seq.	Column	Nulls?	Type
1	CLIENT_NAME	NULL	VARCHAR2(60)
2	FOREST_FILE_ID	NULL	VARCHAR2(10)
3	TOTAL_AAC	NULL	NUMBER

Table: APT_RELATED_CLIENTS

Description:

The RELATED CLIENT is in some way related to other CLIENTS found in

FTAS.

As of October 26, 1998, the sole relationship that can be established

between two CLIENTS for Apportionment purposes is 'OWNS'. That is,

one CLIENT OWNS another CLIENT. Therefore, the RELATIONSHIP

between one CLIENT and another is 'OWNS'.

K.Anderson, October 26, 1998

Columns:

Seq.	Column	Nulls?	Type
* 1	CLIENT_NUMBER	NOT NULL	VARCHAR2(8)
* 2	CLIENT_NUMBER_PARENTED_BY	NOT NULL	VARCHAR2(8)
* 3	APT_CLIENT_REL_CD	NOT NULL	VARCHAR2(50)

PARENT RELATIONSHIP describes the relationship between the

"identified" CLIENT and the "parent" CLIENT.

K.Anderson 981027

For now, we will set the value of PARENT RELATIONSHIP to 'OWNS'.

The datatype for this attribute is the same as CODE LIST CODE

ARGUMENT, so that we may create a relationship between APT RELATED

CLIENT and CODE LIST should we need to in the future.

Unique Constraints:

REL_CLI_UK
CLIENT_NUMBER
APT_CLIENT_REL_CD

Indexes:

REL_CLI_PAR_I
CLIENT_NUMBER_PARENTED_BY

Table: APT_RELATED_CLIENTS_NAMES_V

Columns:

Seq.	Column	Nulls?	Type
1	CLIENT_NUMBER	NOT NULL	VARCHAR2(8)
2	CLIENT_NAME	NULL	VARCHAR2(60)
3	CLIENT_NUMBER_PARENTED_BY	NOT NULL	VARCHAR2(8)
4	PARENT_NAME	NULL	VARCHAR2(60)

Table: APT_REPORTS

Description:

The REPORT entity contains the list of application reports which are i

ncluded in the APT application. This entity is used on the report sub

mission screen to identify the reports which a user can request.

Columns:

Seq.	Column	Nulls?	Type
* 1	ID	NOT NULL	NUMBER(10,0)
2	REPORT_NAME	NOT NULL	VARCHAR2(8)
3	DESCRIPTION	NOT NULL	VARCHAR2(50)
4	ADD_USERID	NOT NULL	VARCHAR2(8)
5	ADD_TIMESTAMP	NOT NULL	DATE
6	UPDATE_USERID	NULL	VARCHAR2(8)
7	UPDATE_TIMESTAMP	NULL	DATE

Table: APT_SB_DSTRBTN_ADJS

Description:

This is an adjustment that will be made to a district's total apportionment distribution in a particular year, so that the volume available for harvest in a district can be accurately calculated.

Columns:

Seq.	Column	Nulls?	Type
* 1	ID	NOT NULL	NUMBER(10,0)
3	ORG_UNIT_NO	NOT NULL	NUMBER(10,0)
5	COLUMN_NAME	NOT NULL	VARCHAR2(18)
7	CODE_ARGUMENT	NOT NULL	VARCHAR2(50)
11	EFFECTIVE_DATE	NOT NULL	DATE
	This is the date on which the adjustment comes into effect.		
13	ADJUSTMENT_VOLUME	NOT NULL	NUMBER(9,0)
	This is a volume of wood that will be added to or subtracted from the district's allocated total apportionment distribution for the year, so that the volume available for harvest in the district can be calculated.		
15	FOREST_FILE_ID	NULL	VARCHAR2(10)

Unique Constraints:

SBDA_UK1
- ORG_UNIT_NO
- COLUMN_NAME
- CODE_ARGUMENT
- FOREST_FILE_ID

Foreign Keys:

SBDA_CLT_FK
- COLUMN_NAME = CODE_LIST_TABLE.COLUMN_NAME
- CODE_ARGUMENT = CODE_LIST_TABLE.CODE_ARGUMENT

SBDA_LIC_FK
- FOREST_FILE_ID = APT_LICENCES.FOREST_FILE_ID

SBDA_OU_FK
- ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO

Indexes:

SBDA_CLT_FK
- COLUMN_NAME
- CODE_ARGUMENT

SBDA_LIC_FK
- FOREST_FILE_ID

SBDA_OU__1
- ORG_UNIT_NO

Table: APT_SB_DSTRBTN_ADJS_JN

Description:

Small Business Distribution Adjustments History

Columns:

Seq.	Column	Nulls?	Type
2	JN_OPERATION	NOT NULL	CHAR(3)
4	JN_ORACLE_USER	NOT NULL	VARCHAR2(30)
* 6	JN_DATETIME	NOT NULL	DATE
8	JN_NOTES	NULL	VARCHAR2(240)
10	JN_APPLN	NULL	VARCHAR2(30)
12	JN_SESSION	NULL	NUMBER(38,0)
* 14	ID	NOT NULL	NUMBER(10,0)
16	ORG_UNIT_NO	NULL	NUMBER(10,0)
18	COLUMN_NAME	NULL	VARCHAR2(18)
20	CODE_ARGUMENT	NULL	VARCHAR2(50)
22	EFFECTIVE_DATE	NULL	DATE
24	ADJUSTMENT_VOLUME	NULL	NUMBER(9,0)
26	FOREST_FILE_ID	NULL	VARCHAR2(10)

Foreign Keys:

CODE_LIST_TABLE
  COLUMN_NAME = CODE_LIST_TABLE.COLUMN_NAME
  CODE_ARGUMENT = CODE_LIST_TABLE.CODE_ARGUMENT
SBDAJN_OU_FK
  ORG_UNIT_NO = ORG_UNIT.ORG_UNIT_NO
SBDAJ_SBDA_FK
  ID = APT_SB_DSTRBTN_ADJS.ID

Indexes:

SBDAJ_OU_FK
  ORG_UNIT_NO

Table: APT_SB_DSTRBTN_ADJ_TYPES

Description:

These are the types of adjustments SBFEP staff can make against the

total apportionment distribution to a district, so that the true

volume of wood available for harvest can be calculated.

Columns:

	Seq.	Column	Nulls?	Type
*	3	COLUMN_NAME	NOT NULL	VARCHAR2(18)
*	4	CODE_ARGUMENT	NOT NULL	VARCHAR2(50)
	6	LICENCE_REQUIRED_IND	NOT NULL	VARCHAR2(1)

Table: APT_SB_FOA_TYPES_V

Columns:

Seq.	Column	Nulls?	Type
1	CODE_ARGUMENT	NOT NULL	VARCHAR2(50)
2	EXPANDED_RESULT	NOT NULL	VARCHAR2(120)
3	APT_MGMT_UNIT_ST	NOT NULL	VARCHAR2(1)
4	SORT_ORDER	NOT NULL	NUMBER(2,0)

Table: APT_UNDELETED_COMMJ_V

Columns:

Seq.	Column	Nulls?	Type
1	JN_DATETIME	NOT NULL	DATE
2	ID	NULL	NUMBER(10,0)
3	FOREST_FILE_ID	NULL	VARCHAR2(10)
4	APT_PARTITION_ST	NOT NULL	VARCHAR2(3)
5	COMMIT_TYPE_ST	NULL	VARCHAR2(50)
6	ALLOWABLE_ANNUAL_CUT	NULL	NUMBER(9,0)
7	INCLUDE_IN_LIC_AAC_IND	NULL	VARCHAR2(1)
8	DETERMINATION_DATE	NULL	DATE
9	EFFECTIVE_DATE	NULL	DATE
10	EXPIRY_DATE	NULL	DATE
11	PAPT_ID	NULL	NUMBER(10,0)

Table: APT_YEARS

Description:

Temporary table which supports Commitment Control Reports

Columns:

Seq.	Column	Nulls?	Type
2	YEAR	NOT NULL	NUMBER(4)

Table: CODE_LIST_TABLE

Description:

Contains common Ministry of Forests codes, code values, and code

descriptions.

Data Custodian: Data Administration Section (ISB)

Columns:

	Seq.	Column	Nulls?	Type
*	2	COLUMN_NAME	NOT NULL	VARCHAR2(18)
*	4	CODE_ARGUMENT	NOT NULL	VARCHAR2(50)
	6	EXPANDED_RESULT	NOT NULL	VARCHAR2(120)
	8	EFFECTIVE_DATE	NOT NULL	DATE
	10	EXPIRY_DATE	NOT NULL	DATE

Unique Constraints:

CLT_UK1
CODE_ARGUMENT

Notes:

Oralce table from DBX03 copied to DEV1 for CASE retrofit.

Original location VAX Oracle Database

Table: CODE_SUBSET_TBL

Description:

Contains subsets of code list codes used when only a partial list of

the code values for a code is valid.

Data Custodian: Data Administration Section (ISB)

Columns:

	Seq.	Column	Nulls?	Type
*	2	CODE_SUBSET_NAME	NOT NULL	VARCHAR2(18)
	4	COLUMN_NAME	NOT NULL	VARCHAR2(18)
*	6	CODE_ARGUMENT	NOT NULL	VARCHAR2(50)

Foreign Keys:

CS_CLST_FK
COLUMN_NAME = CODE_LIST_TABLE.COLUMN_NAME
CODE_ARGUMENT = CODE_LIST_TABLE.CODE_ARGUMENT

Indexes:

CS_SK1
CODE_SUBSET_NAME
CODE_ARGUMENT
COLUMN_NAME

Notes:

Oralce table from DBX03 copied to DEV1 for CASE retrofit.

Original location VM SQL/DS Database

Table: CORPORATE

Columns:

Seq.	Column	Nulls?	Type

Table: DEPLOY_USERS

Columns:

Seq.	Column	Nulls?	Type
1	SYS_NUM	NULL	VARCHAR2(64)
2	EXCEL_PATH	NULL	VARCHAR2(100)

Table: DUAL

Columns:

Seq.	Column	Nulls?	Type
2	DUMMY	NULL	VARCHAR2(30)

Table: FOR_CLIENT_LINK

Description:

For the purposes of the Apportionment system, we're only interested in

FOR_CLIENT_LINK records which have a FILE_TYPE_CODE of 'A'.

Corporate table. Belongs to THE schema

Columns:

Seq.	Column	Nulls?	Type
1	FOREST_FILE_ID	NULL	VARCHAR2(10)
2	CUTTING_PERMIT_ID	NULL	VARCHAR2(3)
3	CUT_BLOCK_ID	NULL	VARCHAR2(10)
4	FILE_CLIENT_TYPE	NULL	CHAR(1)
5	CLIENT_NUMBER	NULL	VARCHAR2(8)
6	CLIENT_LOCN_CODE	NULL	VARCHAR2(2)

Indexes:

FCL_1
    FOREST_FILE_ID
FCL_2
    CLIENT_NUMBER
I2$_FOR_CLIENT_LINK
    FOREST_FILE_ID
I3$_FOR_CLIENT_LINK
    CLIENT_NUMBER

Table: ORG_UNIT

Description:

This table lists the Districts and Regions within the Province.

(LLSP-T14) See the Common Tables for attributes.

Data Custodian: Human Resources Branch (HRB)

Columns:

	Seq.	Column	Nulls?	Type
*	1	ORG_UNIT_NO	NOT NULL	NUMBER(10,0)
	2	ORG_UNIT_CODE	NULL	VARCHAR2(6)
	3	ORG_UNIT_NAME	NULL	VARCHAR2(100)
	4	LOCATION_CODE	NULL	VARCHAR2(3)
	5	AREA_CODE	NULL	VARCHAR2(3)
	5	TELEPHONE_NO	NULL	VARCHAR2(7)
	6	ORG_LEVEL_CODE	NULL	CHAR(1)
	7	OFFICE_NAME_CODE	NULL	VARCHAR2(2)
	8	ROLLUP_REGION_NO	NULL	NUMBER(10,0)
	9	ROLLUP_REGION_CODE	NULL	VARCHAR2(6)
	10	ROLLUP_DIST_NO	NULL	NUMBER(10,0)
	11	ROLLUP_DIST_CODE	NULL	VARCHAR2(6)
	12	EFFECTIVE_DATE	NULL	DATE
	13	EXPIRY_DATE	NULL	DATE
	15	UPDATE_TIMESTAMP	NULL	DATE

Foreign Keys:

OU_OU_FK
ROLLUP_REGION_NO = ORG_UNIT.ORG_UNIT_NO

Indexes:

OU_SK1
ORG_UNIT_CODE

Notes:

Oralce table from DBX03 copied to DEV1 for CASE retrofit.

Original location Foxpro Database

Table: PROV_FOREST_USE

Description:

Reverse Engineered from table PROV_FOREST_USE

Corporate table identifying licencees and their statuses.

Columns:

Seq.	Column	Nulls?	Type
* 1	FOREST_FILE_ID	NULL	VARCHAR2(10)
2	FILE_STATUS_ST	NULL	VARCHAR2(3)
3	FILE_STATUS_DATE	NULL	DATE
4	FILE_TYPE_CODE	NULL	VARCHAR2(3)
5	FOREST_REGION	NULL	NUMBER(10,0)
6	MGMT_UNIT_TYPE	NULL	CHAR(1)
7	MGMT_UNIT_ID	NULL	VARCHAR2(4)
10	ENTRY_USERID	NULL	VARCHAR2(8)
11	ENTRY_TIMESTAMP	NULL	DATE
12	UPDATE_USERID	NULL	VARCHAR2(8)
13	UPDATE_TIMESTAMP	NULL	DATE

Foreign Keys:

PFU_CST_FK
FILE_STATUS_ST = CODE_SUBSET_TBL.CODE_ARGUMENT
PFU_FCL_FK
FOREST_FILE_ID = FOR_CLIENT_LINK.FOREST_FILE_ID
PFU_MU_FK
MGMT_UNIT_TYPE = APT_MANAGEMENT_UNITS.APT_MGMT_UNIT_ST
MGMT_UNIT_ID = APT_MANAGEMENT_UNITS.MGMT_UNIT_NUMBER
PFU_OU_FK
FOREST_REGION = ORG_UNIT.ORG_UNIT_NO
PFU_TT_FK
FOREST_FILE_ID = TENURE_TERM.FOREST_FILE_ID

Indexes:

I1$_PROV_FOREST_USE
FOREST_FILE_ID
I2$_PROV_FOREST_USE
FOREST_REGION
I3$_PROV_FOREST_USE
FILE_STATUS_ST
I4$_PROV_FOREST_USE
FILE_TYPE_CODE
PFU_1
FOREST_FILE_ID
PFU_MU_FK
MGMT_UNIT_TYPE
MGMT_UNIT_ID

Table: SB_SUMMARY

Description:

This is a mini data warehouse which provides data to be used in

reporting Small Business Commitment Control data. The source data is

in FTAS.

Cut Cruise Adjustment Volume will be calculated as the difference

between the Volume Sold and the Volume Billed.

Columns:

Seq.	Column	Nulls?	Type
2	ADMIN_REGION_NO	NOT NULL	NUMBER(10,0)
4	ADMIN_DISTRICT_NO	NOT NULL	NUMBER(10,0)
6	FOREST_FILE_ID	NOT NULL	VARCHAR2(10)
8	SOLD_SB_CAT_CODE	NOT NULL	VARCHAR2(1)
10	QUOTA_TYPE_CODE	NOT NULL	VARCHAR2(1)
14	VOLUME_SOLD This is the volume of wood tendered for sale.	NOT NULL	NUMBER(13,2)
16	WASTE_VOLUME	NOT NULL	NUMBER(13,2)
17	VOLUME_BILLED	NOT NULL	NUMBER(13,2)
18	TOTAL_VALUE_BILLED	NOT NULL	NUMBER(13,2)
20	EST_BONUS_VALUE	NOT NULL	NUMBER(13,2)
22	EST_UPSET_VALUE	NOT NULL	NUMBER(13,2)
24	EST_TOTAL_VALUE	NOT NULL	NUMBER(13,2)
26	LEGAL_EFFECTIVE_DT This is the date on which the sale of the volume of wood tendered for sale became effective.	NOT NULL	DATE
33	FINAL_EXPIRY_DT This is synonymous with the cut cruise adjustment date. It is the date on which the cut cruise adjustment was done.	NOT NULL	DATE
36	TENDER_OPENING_DT This is the date on which the sale tender expired.	NOT NULL	DATE
42	BIDDER_IND This indicates that the volume of wood tendered for sale did not in fact sell.	NOT NULL	VARCHAR2(1)
44	UPDATE_TIMESTAMP	NOT NULL	DATE

Foreign Keys:

SBSS_LIC_FK
FOREST_FILE_ID = APT_LICENCES.FOREST_FILE_ID
SBSS_OU_FK
ADMIN_DISTRICT_NO = ORG_UNIT.ORG_UNIT_NO

Indexes:

Table: SB_SUMMARY (cont'd)

Indexes:

SBSS_LIC_1
- FOREST_FILE_ID

SBSS_OU_1
- ADMIN_DISTRICT_NO

SBSS_REGION_1
- ADMIN_REGION_NO
- ADMIN_DISTRICT_NO
- FOREST_FILE_ID

Table: SMALL_BUSINESS

Columns:

Seq.	Column	Nulls?	Type

Table: TENURE_TERM

Description:

Tenure Terms for forest licenses

Corporate Table from THE schema.

Columns:

Seq.	Column	Nulls?	Type
* 2	FOREST_FILE_ID TENURE TERM Tenure term defines, for all tenures, the term of the harvesting tenure. This includes the initial term and subsequent extensions where applicable. Database: VM SQL/DS Database *Verify enitity description*	NULL	VARCHAR2(10)
4	TENURE_TERM	NULL	NUMBER(5)
6	LEGAL_EFFECTIVE_DT Initial date of Licence issue. *Verify attribute description*	NULL	DATE
8	INITIAL_EXPIRY_DT	NULL	DATE
10	CURRENT_EXPIRY_DT	NULL	DATE
12	TENURE_EXTEND_CNT	NULL	NUMBER(10)
14	TENR_EXTEND_RSN_ST	NULL	VARCHAR2(1)
16	UPDATE_USERID	NULL	VARCHAR2(8)
18	UPDATE_TIMESTAMP	NULL	DATE

Indexes:

TT_1
FOREST_FILE_ID

Table: V_CLIENT_PUBLIC

Columns:

Seq.	Column	Nulls?	Type
1	CLIENT_NUMBER	NULL	VARCHAR2(8)
2	CLIENT_NAME	NULL	VARCHAR2(60)
3	LEGAL_FIRST_NAME	NULL	VARCHAR2(30)
4	LEGAL_MIDDLE_NAME	NULL	VARCHAR2(30)
5	CLIENT_STATUS_CODE	NULL	VARCHAR2(3)
6	CLIENT_TYPE_CODE	NULL	CHAR(1)